



**ADVANCED**  
NETWORK DEVICES

## Custom Analog Clock

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U.S.A

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## Static Electric Warning



## TROUBLESHOOTING AND ADDITIONAL RESOURCES

Complete Support Site with User Guides & Help: <http://www.anetd.com/user-support/>

Additional App Notes: <http://www.anetd.com/user-support/technical-resources/>

AND Legal Disclaimer: <http://www.anetd.com/legal>

## OVERVIEW

AND Devices equipped with an HD LCD screen can utilize the built-in analog clock as an alternative to the digital clock display. This analog clock can be customized to replace the clock background, and even each individual hand. This document will outline general practices when creating these custom clock resources, and how to apply them.

## CREATING A CUSTOM CLOCK

There are four unique files that are utilized for custom analog clock functionality. These files are the clock face, and each of the three hands of the clock. All files must be PNG format images, and each must be named with a specific filename. Any file that is not created will use the default image on the device.

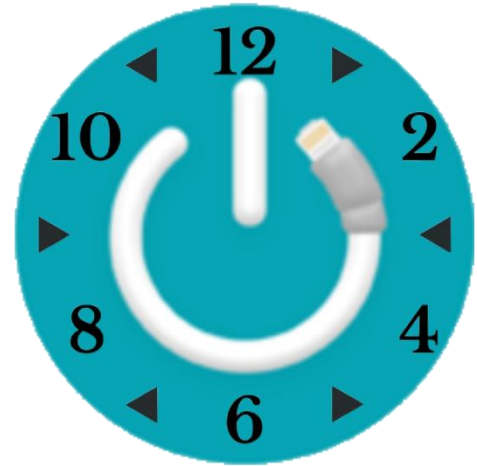
### CLOCK FACE

The file for the clock face should be a square (1:1 ratio) image, with width and height between 300 and 1080 pixels. The image to the right is an example created in Photoshop.

The corners of the clock face image will not be displayed, and will be trimmed to a circle inscribed inside the square image.

The file should be named:

`clock_background.png`



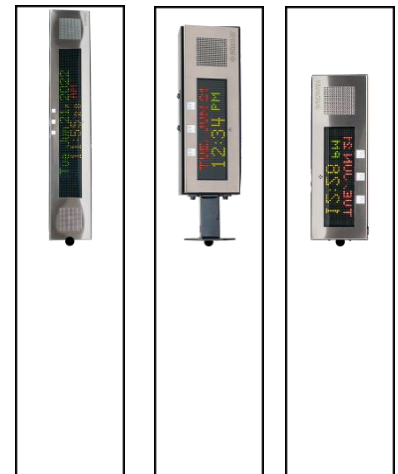
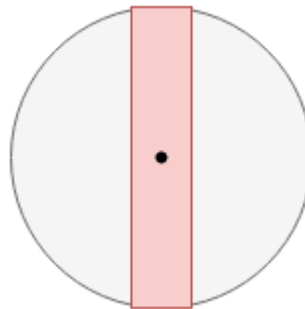
### HANDS

The file for each of the three hands should be an image up to 250 pixels wide, and between 300 and 1080 pixels in height.

The image is displayed on the clock with its center placed at the center of the clock, so the image for each hand should be created such that it rotates around the center of the image. The examples on the right include a visible border and marked center.

These files should be named:

`second_hand.png`  
`minute_hand.png`  
`hour_hand.png`



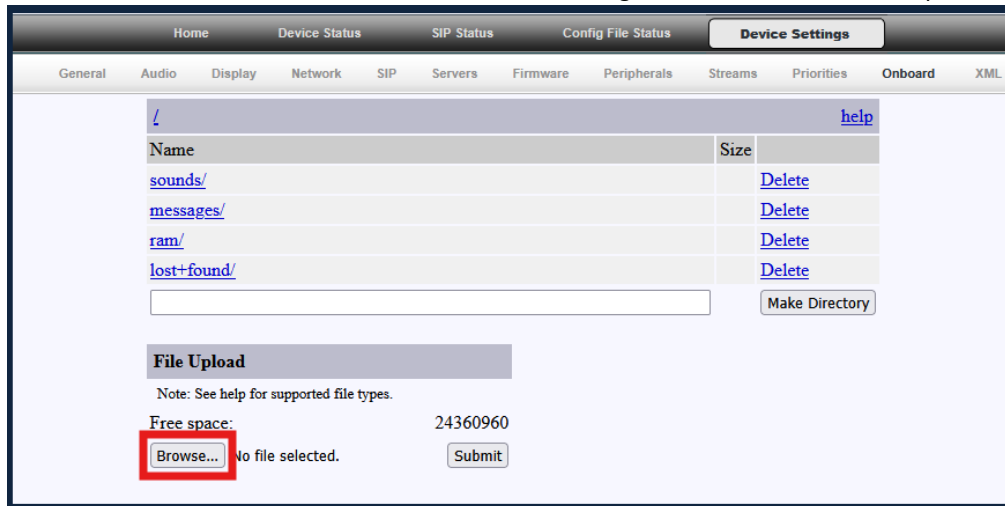
## OVERVIEW

Description	Dimensions	Filename
The clock face background, including the numbers, but no clock hands	W: 300 – 1080px H: 300 – 1080px Must be square	clock_background.png
The hand which displays seconds	W: ≤ 250px H: 300 – 1080px	second_hand.png
The hand which displays minutes	W: ≤ 250px H: 300 – 1080px	minute_hand.png
The hand which displays hours	W: ≤ 250px H: 300 – 1080px	hour_hand.png

## APPLYING YOUR CLOCK

To display these custom files on your device, you will need to upload them to the onboard filesystem.

1. Navigate to the web interface of the device by entering its IP into a web browser
2. Navigate to Device Settings > Onboard
3. Select “Browse...” as shown below, select one of the images, then click “Submit” to upload it to the device



- a. Repeat for each file you wish to upload to the device.
4. Enable the analog clock if it is not already
    - a. Navigate to Device Settings > Display
    - b. Set “Time Format” to “Analog”
    - c. Save and apply settings

The device should now be displaying your custom clock files.